

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. S001	3. EFFECTIVE DATE 06/04/98	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY U.S. Department of Energy Chicago Operations Office 9800 South Cass Avenue Argonne, IL 60439	CODE	7. ADMINISTERED BY (If other than Item 6)		Code
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) To All Prospective Offerors		(✓) ✓	9.A. AMENDMENT OF SOLICITATION NO. DE-RP02-98CH10888	
			9.B. DATED (SEE ITEM 11) 5/19/98	
			10.A. MODIFICATION OF Contract/Order NO.	
			10.B. DATED (SEE ITEM 13)	
CODE	N/A	FACILITY CODE	N/A	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☒ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section heading, including solicitation/contract subject matter where feasible.)

This Request for Proposal is amended as follows:

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)	

14. DESCRIPTION OF AMENDMENT/MODIFICATION

- a. Part I, Section H, Clause H.4, GOVERNMENT-FURNISHED PROPERTY, in the second column, second row, the first paragraph is deleted in its entirety and the following is substituted in lieu thereof:

“1. Plutonium oxide derived from a hydride-dehydride or a direct oxidation process.”

- b. Part I, Section H, Clause H.11, COST RESPONSIBILITY AFTER COMPLETION OF HOT START-UP AND TRANSITION TO FULL OPERATIONS, is deleted in its entirety and the following is substituted in lieu thereof:

“H.11 COST RESPONSIBILITY AFTER COMPLETION OF HOT START-UP AND TRANSITION TO FULL OPERATIONS

Upon DOE acceptance of the Contractor’s Certification of Successful Completion of Hot Start-Up Testing and Transition to Full Operations of the MOX Fuel Fabrication Facility in accordance with the Functional and Operability Testing Plan, the Contractor shall be responsible for all further costs necessary to perform the Statement of Work under Option 2, with the exception of the Government-furnished property and services provided to the Contractor under this contract and certain reimbursable costs subject to conditions specified as follows: (1) direct costs incurred for NRC licensing and oversight of the MOX Fuel Fabrication Facility, including IAEA support, but excluding any overhead, fringe, and G&A costs, (2) any MOX Fuel Fabrication Facility capital improvement costs incurred as a result of NRC regulatory changes that are directly related to the use of MOX fuel; and (3) any mission reactor capital improvement costs incurred as a result of NRC regulatory changes that are directly related to the use of MOX fuel.

With respect to any unallowable direct and indirect costs under this clause, and notwithstanding any other provisions of this contract, the Contractor shall absorb, without reimbursement from the Government, all such direct and indirect costs (overhead, fringe, G&A etc.) and said absorbed costs shall not be otherwise charged to any Government contract.”

- c. Part III, Section J, Attachment 1, STATEMENT OF WORK, subparagraph II.A.1.a.(8) is deleted in its entirety and the following is substituted in lieu thereof:

“(8) [RESERVED]”

- d. Part III, Section J, Attachment 1, STATEMENT OF WORK, subparagraph II.A.1.a.(11), DOE-STD 3013-94, Criteria for Safe Storage of Plutonium Metals and Oxide, is deleted and replaced with DOE-STD-3013-96, Criteria for Preparing and Packaging Plutonium Metals and Oxides for Long-Term Storage.
- e. Part IV, Section L, Provision L.17, AVAILABILITY OF REFERENCE DOCUMENTS FOR BACKGROUND INFORMATION, the following sentence is added immediately after the second sentence in the introductory paragraph:

“DOE technical standards can be accessed on the DOE Technical Standards Home Page. The internet address for this WEB site is URL: <http://apollo.osti.gov/html/techstds/techstds.html>.”
- f. Part IV, Section L, Provision L.17, AVAILABILITY OF REFERENCE DOCUMENTS FOR BACKGROUND INFORMATION, the following report is added immediately after “ORNL/TM-13574, Revised Conceptual Designs for the FMDP MOX Fresh Fuel Transport Package”:

“ORNL/MD/LTR-127, Data Report for Generic Site Add-On Facility for Plutonium Polishing.”
- g. Part IV, Section L, Provision L.32, INSTRUCTIONS FOR THE SUBMISSION OF PROPOSALS, subparagraph (a).3.b.(2), “Approach to Fuel Fabrication Services”, add the following after the introductory sentence:

“In addition, the Offeror shall indicate whether or not its technical approach incorporates a plutonium oxide polishing step. Should a plutonium oxide polishing step be included in the successful offer, the Government will modify Table H-4b, ‘PuO₂ Powder Characteristics and Impurities’, to indicate a gallium level of 10,000 micrograms per gram Pu in the Government-Furnished plutonium oxide. For your information, see Provision L.17 which references Report No. ORNL/MD/LTR-127, ‘Data Report for Generic Site Add-On Facility for Plutonium Polishing.’ This report describes a process which could be used for plutonium polishing if such a process is desired.”

- h. Part IV, Section L, Exhibit 4, ENVIRONMENTAL DATA AND ANALYSES, *General Information on MOX Fuel Fabrication Facility*, in the first data table, Process Building/Size (m²), the number “9,300” is deleted and is replaced with the number “11,150”; Administration Bldg./Number of Levels, the number “1” is deleted and is replaced with the number “2”; Warehouse/Number of Levels, the number “2” is deleted and is replaced with the number “1”; and, Utility Substation/Number of Levels, “N/A” is deleted and is replaced with the number “1”. In the fifth data table, LANL Estimate/Average Annual Dose (in mrem), “1.5E-5” is deleted and is replaced with “3.3E-5”; LANL Estimate/Total Annual Dose (in person-rem), “4.5E-3” is deleted and is replaced with “1E-2”; and, LANL Estimate/Maximum for an Individual(in mrem), “2.5E-3” is deleted and is replaced with “5.5E-3”. In the eighth data table, MOX Est./Sanitary Waste/Liquid (liters/yr), “2.5E+07” is deleted and is replaced with “2.2E+07”.

In addition, the following paragraph is added at the end of Exhibit 4:

“If your technical approach for the MOX Fuel Fabrication Facility incorporates a plutonium polishing process, please indicate whether the data report, ORNL/MD/LTR-127, ‘Data Report for Generic Site Add-On Facility for Plutonium Polishing’, provides a reasonable estimation of the environmental parameters that would be associated with your proposed process. For those parameters of your proposed plutonium polishing process which are not similar to those listed in the data report, please provide revised environmental parameters.”

- i. Standard Form 33, SOLICITATION, OFFER AND AWARD, Block 9., substitute the date “9/4/98” for the date “8/14/98”.
- j. Part IV, Section L, Provision No. L.33, SUBMISSION OF PROPOSALS, paragraph (c), substitute the date “September 4, 1998” for the date “August 14, 1998”.